



BE SURE. BUILD SURE.

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## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 04.03.2023

Version number 25 (replaces version 24)

Revision: 04.03.2023

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name **MC-Injekt 2300 top - Komponente A**

Article number: 2854

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

#### Application of the substance / the mixture

Polyurethane resin  
Injektion

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: MC-Bauchemie Müller GmbH & Co. KG  
Am Kruppwald 1-8  
D-46238 Bottrop  
Tel.: +49(0)2041-101-0  
Fax.: +49(0)2041-101-400  
E-Mail: info@mc-bauchemie.de

MC-Bauchemie AG  
Hagackerstr. 10  
CH-8953 Dietikon  
Tel.: +44-7400510  
Fax : +44-7400533

Informing department: msds@mc-bauchemie.de

#### 1.4 Emergency telephone number:

Tel.: +49 / (0)700 24112112 (MCR)  
Tel.: +48612864565

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008

Eye Irrit. 2 H319 Causes serious eye irritation.

#### 2.2 Label elements

##### Labelling according to

Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation.

##### Hazard pictograms



GHS07

##### Signal word

Warning

##### Hazard statements

H319 Causes serious eye irritation.

##### Precautionary statements

P264 Wash thoroughly after handling.

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P280                      *Wear eye protection / face protection.*  
P305+P351+P338 *IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*  
P337+P313              *If eye irritation persists: Get medical advice/attention.*

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:**                      *Not applicable.*  
· **vPvB:**                      *Not applicable.*

### SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:**                      *Resin mixture.  
Mixture consisting of the following components.*

· **Dangerous components:**

CAS: 770-35-4 EINECS: 212-222-7 Reg.nr.: 01-2119486566-23-0000	1-Phenoxypropan-2-ol Eye Irrit. 2, H319	10-30%
CAS: 107-21-1 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28	ethane-1,2-diol STOT RE 2, H373; Acute Tox. 4, H302	<5%

### SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information**                      *No special measures required.*  
· **After inhalation**                      *Supply fresh air.*  
· **After skin contact**                      *The product is not skin irritating.*  
· **After eye contact**                      *Rinse opened eye for several minutes under running water.*  
· **After swallowing**                      *Rinse out mouth and then drink plenty of water.  
Seek medical treatment.*

· **4.2 Most important symptoms and effects, both acute and delayed**

*No further relevant information available.*

· **4.3 Indication of any immediate medical attention and special treatment needed**

*No further relevant information available.*

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### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections** No dangerous materials are released.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Storage class** 12
- **7.3 Specific end use(s)** No further relevant information available.

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#### SECTION 8: Exposure controls/personal protection

##### 8.1 Control parameters

##### Components with critical values that require monitoring at the workplace:

###### 107-21-1 ethane-1,2-diol

WEL	Short-term value: 104** mg/m <sup>3</sup> , 40** ppm
	Long-term value: 10* 52** mg/m <sup>3</sup> , 20** ppm
Sk	*particulate **vapour

##### DNELs

###### 770-35-4 1-Phenoxypropan-2-ol

Dermal	DNEL	42 mg/kg bw/day (ArL)
Inhalative	DNEL	25.7 mg/m <sup>3</sup> (ArL)

###### 107-21-1 ethane-1,2-diol

Dermal	DNEL	106 mg/kg bw/day (ArL)
Inhalative	DNEL	35 mg/m <sup>3</sup> (ArL)

##### PNECs

###### 770-35-4 1-Phenoxypropan-2-ol

PNEC	0.01 mg/l (Mew)
	0.1 mg/l (Suw)
PNEC	0.02 mg/kg dwt (Bod)
	0.038 mg/kg dwt (Marine water sediment)
	0.38 mg/kg dwt (Fresh water sediment)

Additional information: The lists that were valid during the compilation were used as basis.

##### 8.2 Exposure controls

##### Appropriate engineering controls

No further data; see item 7.

##### Individual protection measures, such as personal protective equipment

##### General protective and hygienic measures

The usual precautionary measures should be adhered to in handling the chemicals.

##### Breathing equipment:

Not required.

##### Hand protection

Not required.

##### Material of gloves

-

##### Penetration time of glove material

-

##### Eye/face protection

Safety glasses  
Tightly sealed safety glasses.

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#### SECTION 9: Physical and chemical properties

##### · 9.1 Information on basic physical and chemical properties

###### · General Information

· Colour:	Yellow
· Smell:	Characteristic
· Melting point/freezing point:	Not determined
· Boiling point or initial boiling point and boiling range	243 °C (770-35-4 1-Phenoxypropan-2-ol)
· Flash point:	Not applicable
· Auto-ignition temperature:	135 °C (770-35-4 1-Phenoxypropan-2-ol)
· pH	Not applicable. Not determined.
· Viscosity:	
· Kinematic viscosity at 20 °C	80 s (DIN 53211/4)
· dynamic:	Not determined.
· Solubility	
· Water:	Not miscible or difficult to mix
· Steam pressure:	Not determined.
· Density and/or relative density	
· Density at 20 °C	0.99 g/cm <sup>3</sup>

##### · 9.2 Other information

· Appearance:	
· Form:	Fluid
· Important information on protection of health and environment, and on safety.	
· Self-inflammability:	Product is not selfigniting.
· Explosive properties:	Product is not explosive.

##### · Information with regard to physical hazard classes

· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void

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- **Organic peroxides** Void
- **Corrosive to metals** Void
- **Desensitised explosives** Void

#### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

#### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values that are relevant for classification:**

**770-35-4 1-Phenoxypropan-2-ol**

Oral LD50 >2000 mg/kg (rat)

Dermal LD50 >2000 mg/kg (rat)

**107-21-1 ethane-1,2-diol**

Oral LD50 4000 mg/kg (rat)

LDL0 1600 mg/kg (Workers)

Dermal LD50 >3500 mg/kg (mouse)

10600 mg/kg (rbt)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

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**11.2 Information on other hazards**

**Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic toxicity:**

**770-35-4 1-Phenoxypropan-2-ol**

EC50/72h >100 mg/l (*Desmodesmus subspicatus*)

LC50/96h 280 mg/l (*Pimephales promelas*)

LC50/48h 370 mg/l (*Daphnia magna*)

**107-21-1 ethane-1,2-diol**

LC50/96h 72860 mg/l (*Pimephales promelas*)

EC50/48h >100 mg/l (*Daphnia magna*)

EC50/96h 6500-13000 mg/l (*Selenastrum capricornutum*)

NOEC 8590 mg/l (*Ceriodaphnia dubia*)

15380 mg/l (*Pimephales promelas*)

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

**PBT:**

Not applicable.

**vPvB:**

Not applicable.

**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects**

**Additional ecological information:**

**General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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- **Uncleaned packagings:**
- **Recommendation:** *Dispose of packaging according to regulations on the disposal of packagings.  
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.*

#### SECTION 14: Transport information

- **14.1 UN number or ID number**  
· **ADR, ADN, IMDG, IATA** *Void*
- **14.2 UN proper shipping name**  
· **ADR, ADN, IMDG, IATA** *Void*
- **14.3 Transport hazard class(es)**  
· **ADR, ADN, IMDG, IATA**  
· **Class** *Void*
- **14.4 Packing group**  
· **ADR, IMDG, IATA** *Void*
- **14.5 Environmental hazards:**  
· **Marine pollutant:** *No*
- **14.6 Special precautions for user** *Not applicable.*
- **14.7 Maritime transport in bulk according to IMO instruments** *Not applicable.*
- **Transport/Additional information:** *Not dangerous according to the above specifications.*
- **UN "Model Regulation":** *Void*

#### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** *No further relevant information available.*
- **15.2 Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

#### SECTION 16: Other information

*These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Relevant phrases** *H302 Harmful if swallowed.*

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*H319 Causes serious eye irritation.*

*H373 May cause damage to organs through prolonged or repeated exposure.*

· **Department issuing data specification sheet:**

*Environment protection department.*

· **Abbreviations and acronyms:**

*RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

*ICAO: International Civil Aviation Organisation*

*ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*GHS: Globally Harmonised System of Classification and Labelling of Chemicals*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*DNEL: Derived No-Effect Level (UK REACH)*

*PNEC: Predicted No-Effect Concentration (UK REACH)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Acute Tox. 4: Acute toxicity – Category 4*

*Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*

*STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2*

· **\* Data compared to the previous version altered.**

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